

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1. (Canceled)
2. (Currently Amended) The embedded data code of claim 41, wherein each tile comprises glyphs.
3. (Currently Amended) The embedded data code of claim 41, wherein the occlusion comprises a second code pattern
4. (Currently Amended) ~~The An embedded data code of claim 1, on a substrate, comprising:~~
periodic tiles, each tile comprising
a predefined code area having a code pattern common to the other tiles; and
a predefined occlusion area not necessary for decoding the code pattern, the predefined occlusion area having the same location and shape in the periodic tiles; and
wherein the occlusion comprises a graphic.
5. (Currently Amended) ~~The An embedded data code of claim 1, on a substrate, comprising:~~
periodic tiles, each tile comprising
a predefined code area having a code pattern common to the other tiles; and
a predefined occlusion area not necessary for decoding the code pattern, the predefined occlusion area having the same location and shape in the periodic tiles, and
wherein the occlusion comprises text.

6. (Currently Amended) ~~The~~An embedded data code ~~of claim 1, on a substrate,~~
comprising:
periodic tiles, each tile comprising
a predefined code area having a code pattern common to the other tiles;
a predefined occlusion area not necessary for decoding the code pattern, the
predefined occlusion area having the same location and shape in the periodic tiles; and
comprising multiple occlusions within a tile.

7. (Canceled)

8. (Currently Amended) ~~The~~An embedded data code ~~of Claim 7, on a substrate,~~
comprising:
periodic tiles, each tile comprising,
a predefined code area having a code pattern common to the other tiles;
a predefined occlusion area not necessary for decoding the code pattern, the
predefined occlusion area having the same location and shape in the
periodic tiles and comprising occlusions which are contiguous for occlusion strips
spanning across tile boundaries, and wherein the occlusion strips contain printing
across tile boundaries.

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)
16. (Canceled)
17. (New) The embedded data code of claim 5, wherein each tile comprises glyphs.
18. (New) The embedded data code of claim 5, wherein the occlusion comprises a second code pattern.
19. (New) The embedded data code of claim 6, wherein each tile comprises glyphs.
20. (New) The embedded data code of claim 6, wherein the occlusion comprises a second code pattern.
21. (New) The embedded data code of claim 8, wherein each tile comprises glyphs.
22. (New) The embedded data code of claim 8, wherein the occlusion comprises a second code pattern.